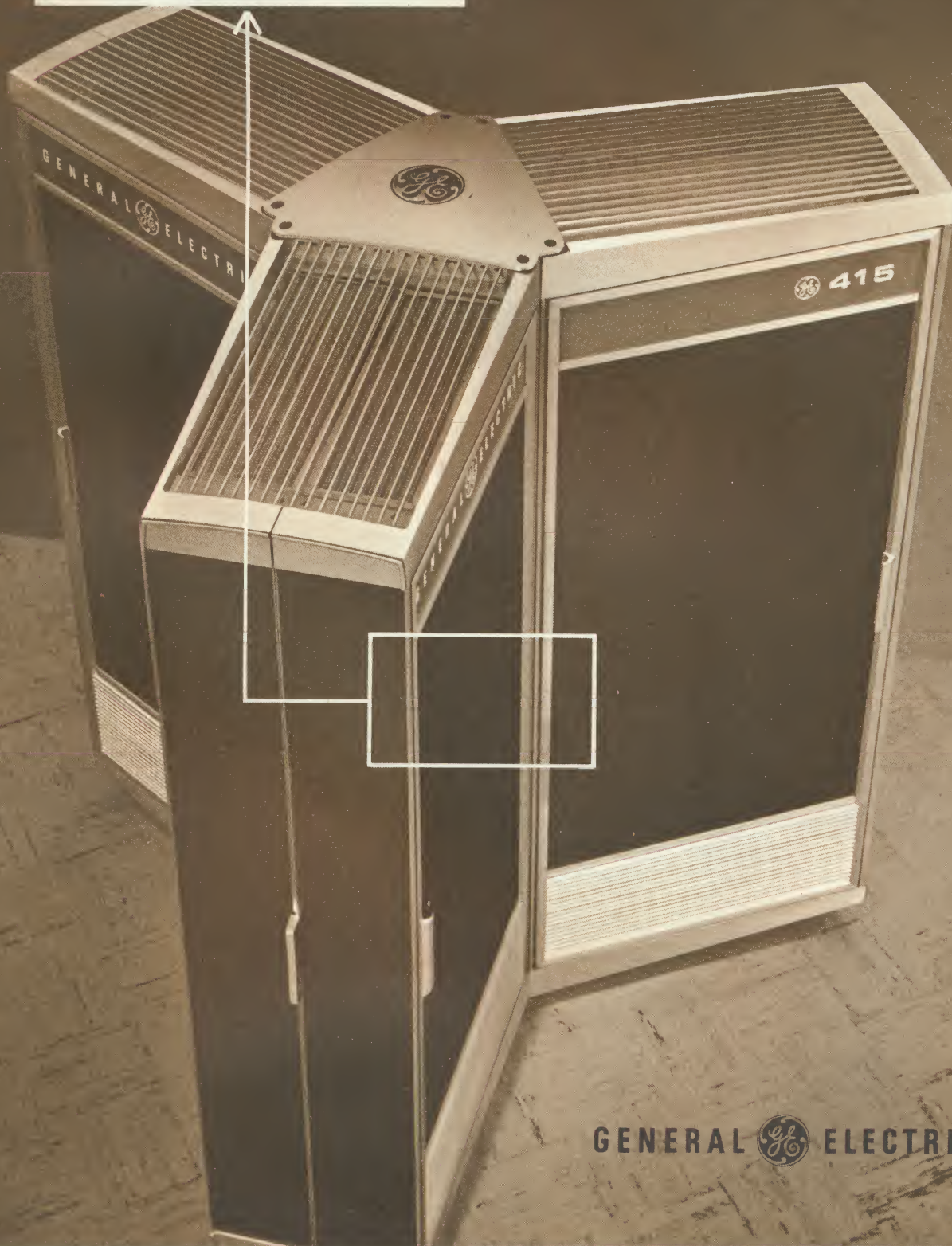
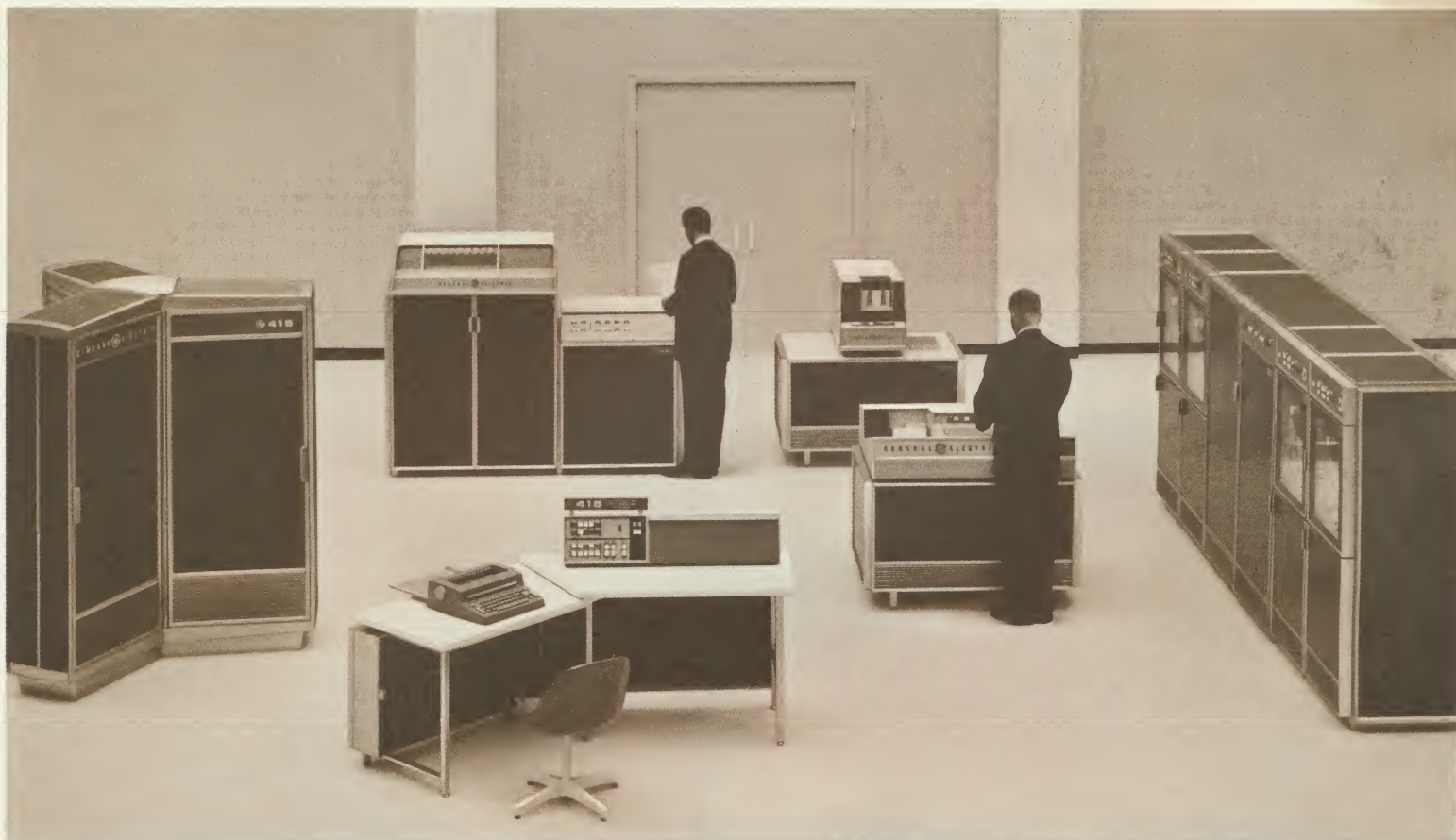


1401 Compatibility for the COMPATIBLES/400



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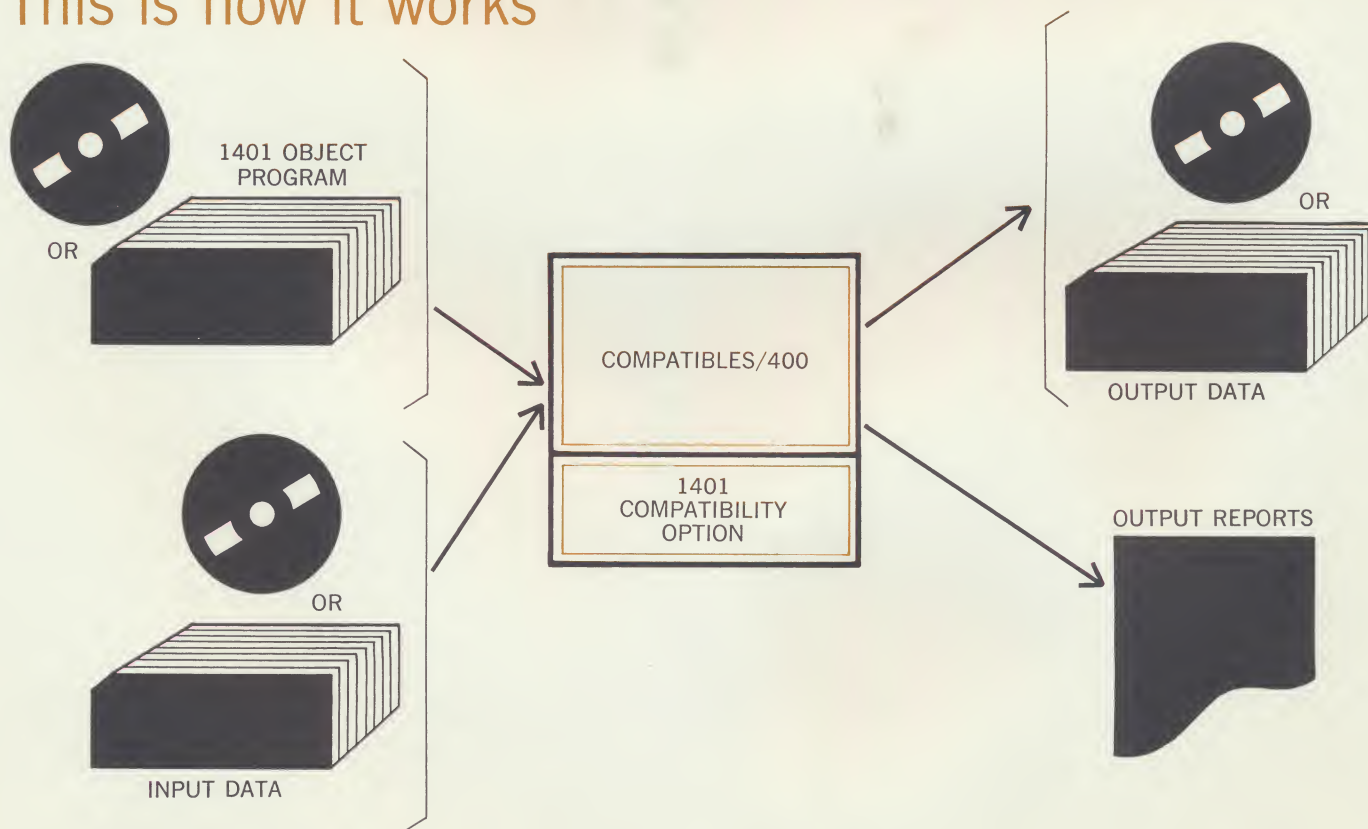


GE-415 INFORMATION PROCESSING SYSTEM

This is the GE-415 — the lowest priced member of General Electric's Compatibles/400 family of computers. It is exceptionally well suited as a replacement for outgrown 1401

systems, where the user wants both to minimize conversion problems, and to eliminate all conversion during FUTURE growth.

This is how it works



1401 REPLACEMENT

The Compatibles/400 are ideal replacements because the 1401 compatibility option lets you run 1401 programs on the Compatibles/400 immediately. 1401 programs run as they are written — some of them faster . . . with no reprogramming or pre-passes required. When you consider 1401 replacement, consider what you're converting to, and the growth potential of your new system. We invite you to make this kind of comparison between a Compatibles/400 system and any other 1401 replacement.

THE GE-415

The GE-415, the least expensive member of the Compatibles/400 has as many as eight fully buffered input/output channels, permitting up to eight peripheral operations to proceed simultaneously with computation. A full line of input/output equipment is available with the GE-415.

New programs written for your GE-415 will work on all members of the Compatibles/400 family. You can step up to a GE-425, or GE-435, and get a significant increase in processor power with each step.

WHAT IS THE 1401 COMPATIBILITY OPTION?

It's a unique combination of hardware and software. The hardware is contained within the Central Processor — the software is in memory. As a 1401 object program is read in, the Central Processor switches automatically to the 1401 mode. In this mode, the input/output channels readily accept the 1401 format data, including read and write magnetic tape with word marks. The memory is character addressable with variable length word format while in the 1401 mode.

With this flexibility, a series of new 8-bit byte instructions using the character addressable memory,

permits your Compatibles/400 processor to process 1401 object programs in a manner which takes advantage of the speed and parallel operations inherent with the Compatibles/400 word organization.

WHAT DOES IT DO FOR YOU?

The GE-415 with the 1401 compatibility option offers solutions to two major problems facing 1401 users: Will I have to convert again in a year or two? . . . and . . . How smooth is the changeover from my 1401?

GROWTH ORIENTED

The Compatibles/400 offer you the most attractive changeover plan, because you can grow into larger compatible systems — the GE-425 or GE-435. Programs you prepare are fully compatible — they work on all members of the family without any change.

EASY CHANGEOVER

Conversion is easier because the 1401 compatibility option lets you run 1401 programs now, without reprogramming. At your leisure, convert the more heavily-used programs. Some 1401 programs you may not wish to convert at all.

With a Compatibles/400, you don't get caught in conversion changeover deadlines — your work can still go on without interruption. You can schedule conversion work in an orderly manner over a longer period. You amortize these costs over years of productive computer work.

When you convert to the Compatibles/400 your conversion dollars buy you more than merely doing the same job, in the same manner, on different equipment.

Let a General Electric Computer Department representative give you the details.



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*In the construction of the equipment described,
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